

WHAT IS CLAIMED IS:

## Patent Claims

SUB 1.  
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Coextruded BOPP film with peelable sealing properties, characterised in that the film is printed in a sealing area which has been left ink-free with a thermoplastic lacquer in a screen-type pattern, which lacquer contains at least one polyvinyl butyral (PVB) or at least one ethylene/vinyl acetate copolymer (EVA copolymer) as the feature-determining solid component and is only weakly sealable to coextruded BOPP.

$5^{10} \times 16^2$

Films according to claim 1, characterised in that the lacquer used is only weakly sealable to unpretreated coextruded BOPP surfaces and contains polyvinyl butyral (PVB) as the determining solid component.

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3. Film according to claim 1 or 2, characterised in that the lacquer used is a mixture of conventional commercial PVB lacquers, as are widely used for reverse printing on coextruded BOPP.

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4. Film according to one of claims 1 to 3, characterised in that the lacquer is applied at an application rate (dry) of 0.1 to 1.7 g/m<sup>2</sup>, preferably of 0.8 to 1.2 g/m<sup>2</sup>.

5. Film according to one of claims 1 to 4, characterised in that the lacquer is applied with defined partial coverage and with full-tone gravure depth.

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6. Film according to claim 1, characterised in that the lacquer used is thermoplastic and sealable to unpretreated coextruded BOPP surfaces and preferably contains saponified synthetic resin (EVA copolymer) as the feature-determining solid component.

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7. Film according to claim 1 or 6, characterised in that the lacquer is applied at an application rate (dry) of 0.1 to 2.5 g/m<sup>2</sup>, preferably of 1.0 to 1.5 g/m<sup>2</sup>.

8. ~~Film according to one of claims 1, 6 or 7, characterised in that the lacquer is applied with defined partial coverage and with full-tone gravure depth.~~

5 9. Film according to one of claims 1 to 8, characterised in that the screen for application of the lacquer is uniform or variable over the length and width of the sealing area in order to meet differing seam strength requirements.

10. Film according to one of claims 1 to 9, characterised in that, outside the sealing area, the film is printed on the electrically pretreated side by means of register-controlled gravure printing.

15 11. Film according to one of claims 1 to 10, characterised in that the ink-free sealing areas provided with the lacquer assume the form of continuous strips on the edge of the film reel or of uniformly spaced transverse strips arranged transversely to the machine direction of the film reel.

12. Packages produced from a film according to one of claims 1 to 11.

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